

FIG. 1 (RELATED ART)

R	G	R	G
G	B	G	B
R	G	R	G
G	B	G	B

R: Red  
G: Green  
B: Blue

FIG. 30

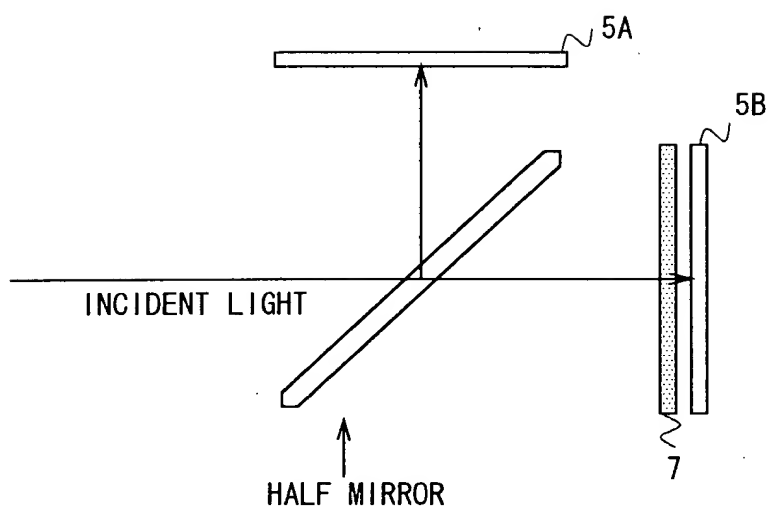
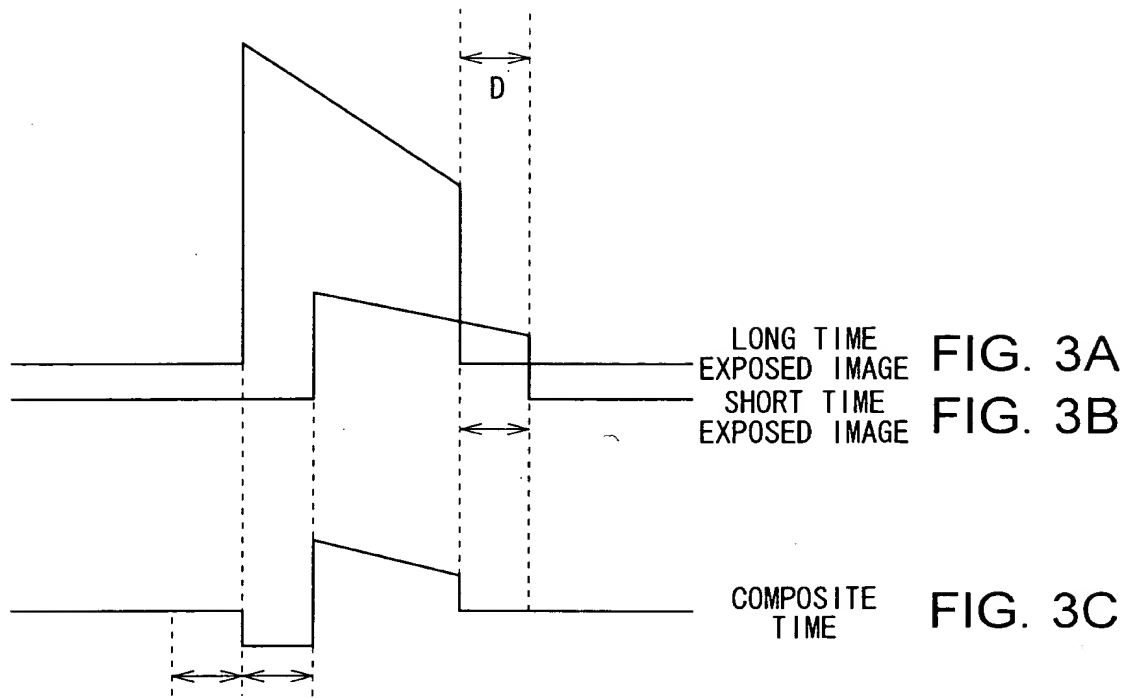


FIG. 2 (RELATED ART)



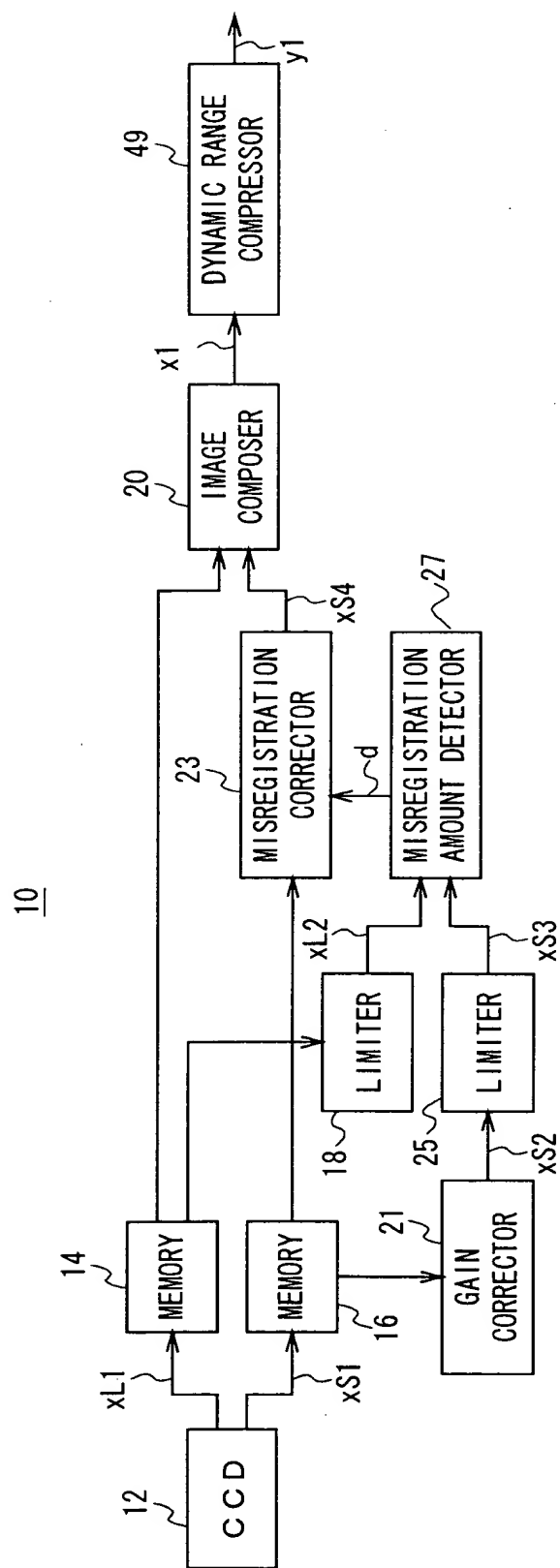


FIG. 4

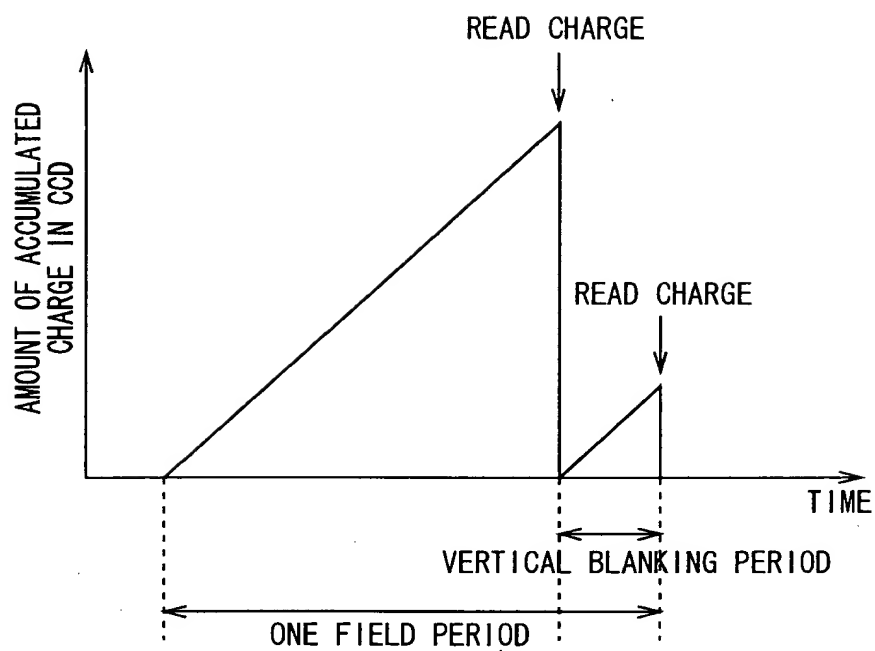


FIG. 5

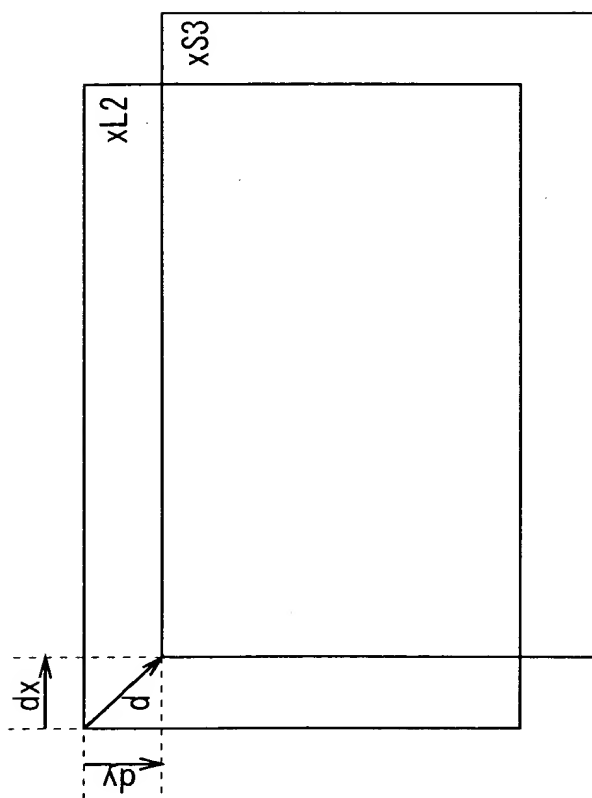


FIG. 6

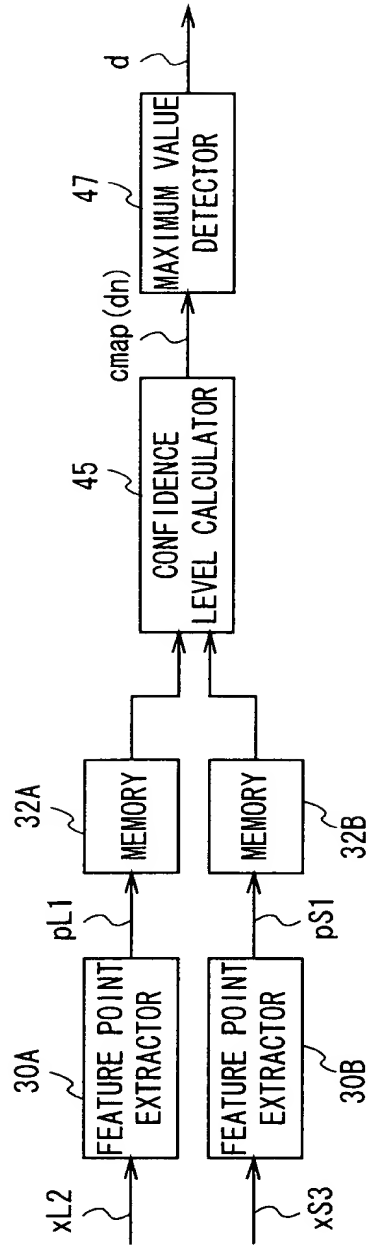


FIG. 7

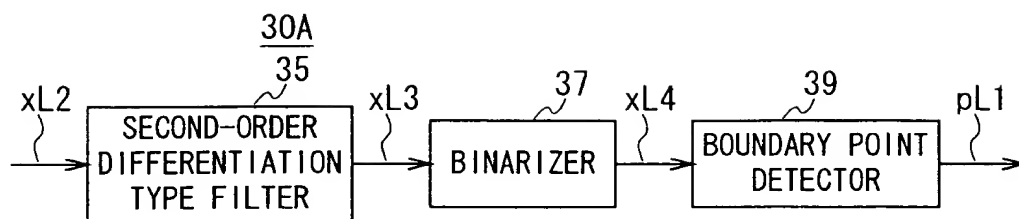


FIG. 8

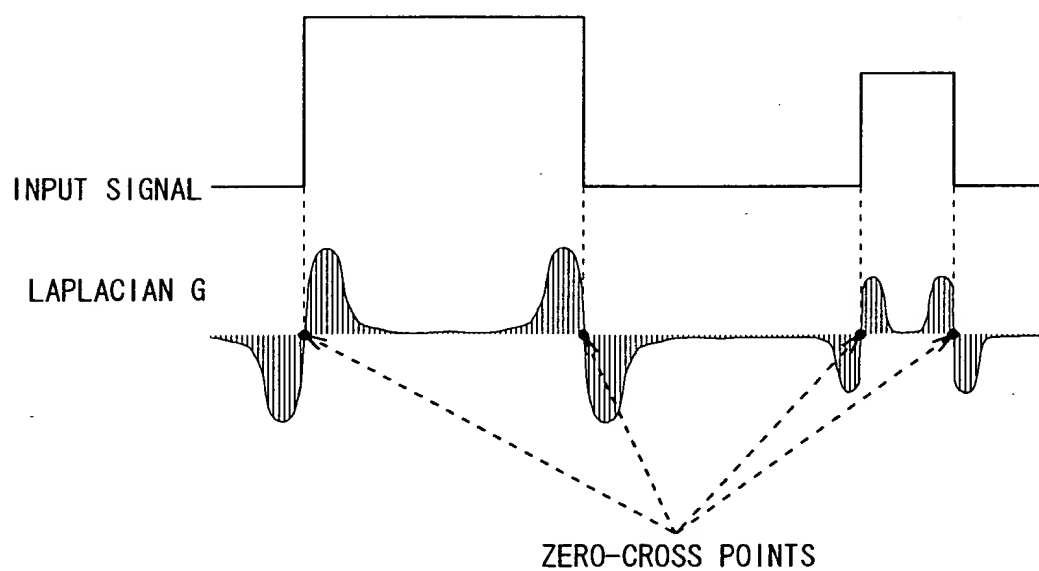


FIG. 9



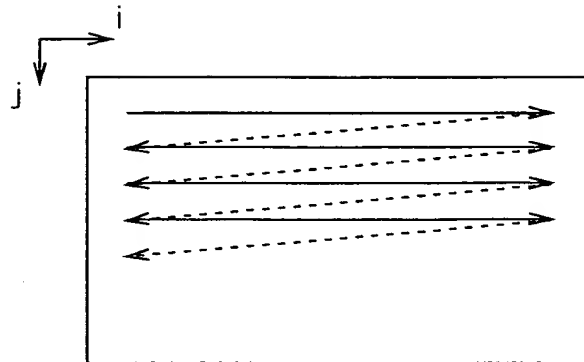


FIG. 10

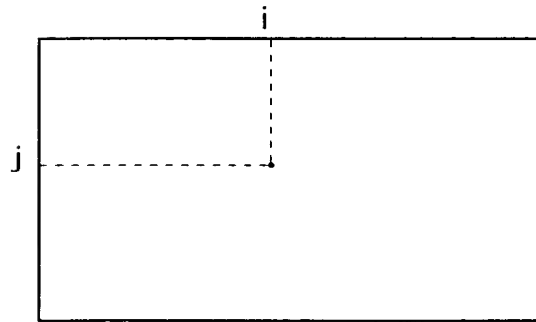


FIG. 11A

FEATURE POINT IMAGE pL1

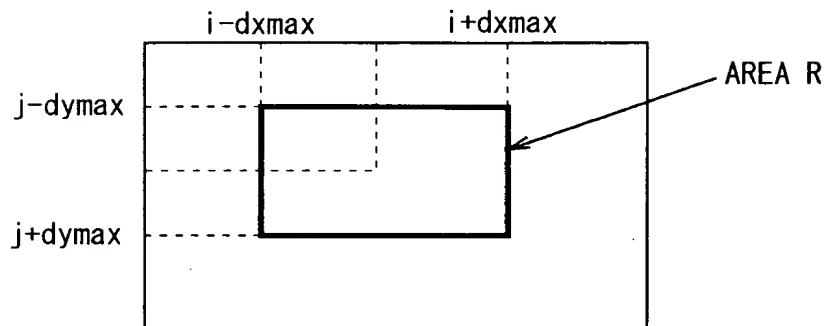


FIG. 11B

FEATURE POINT IMAGE pS1

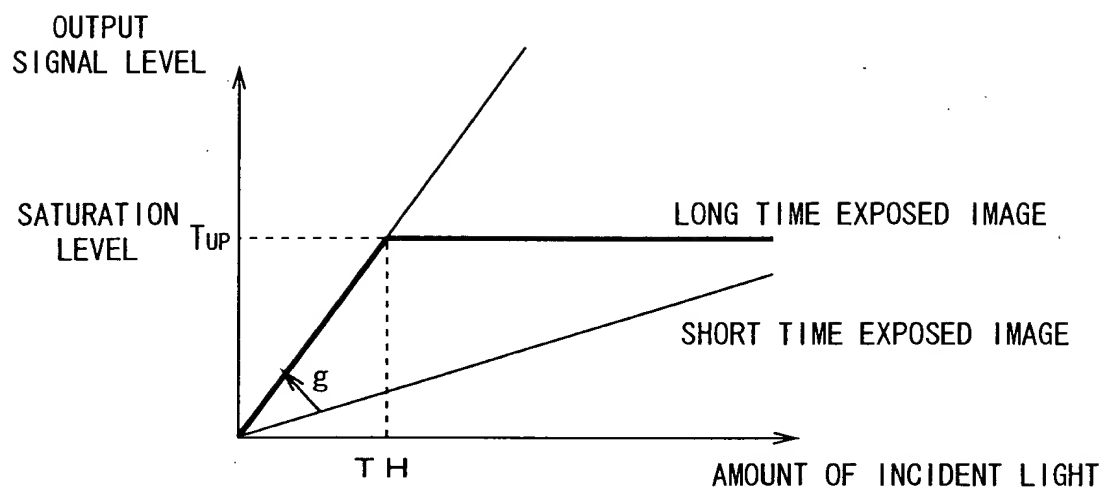


FIG. 12

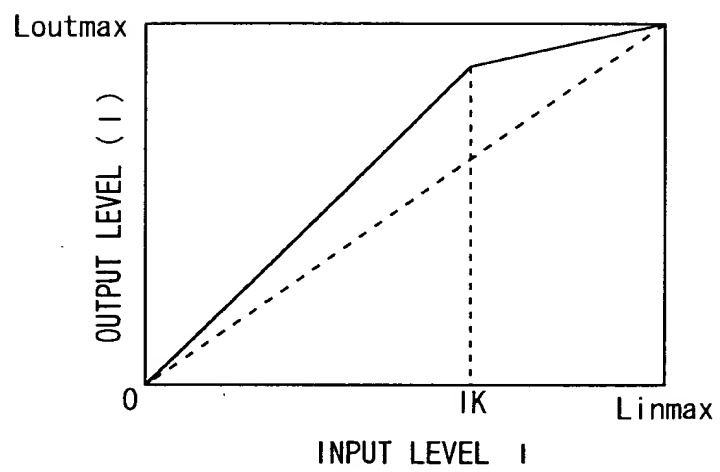


FIG. 13

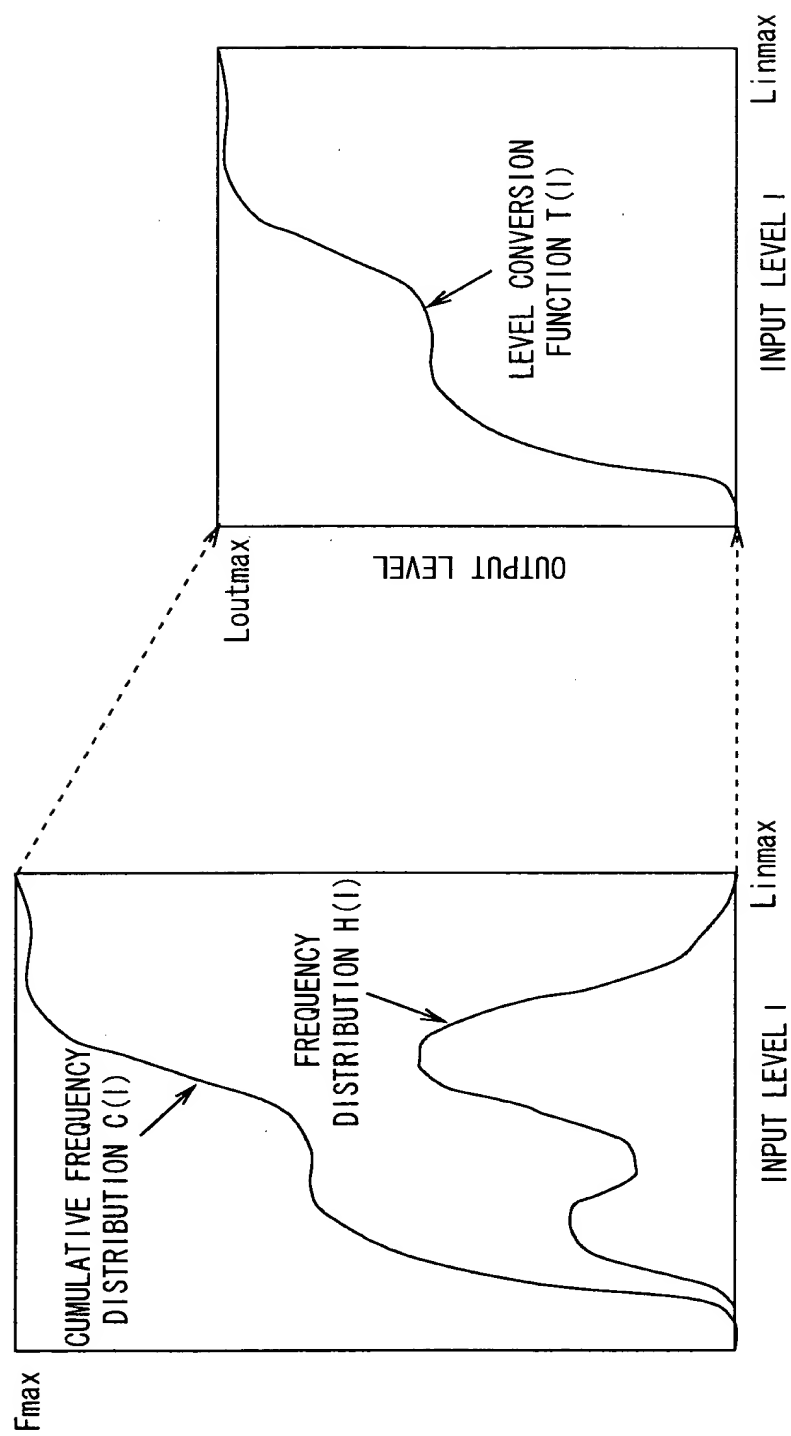


FIG. 14

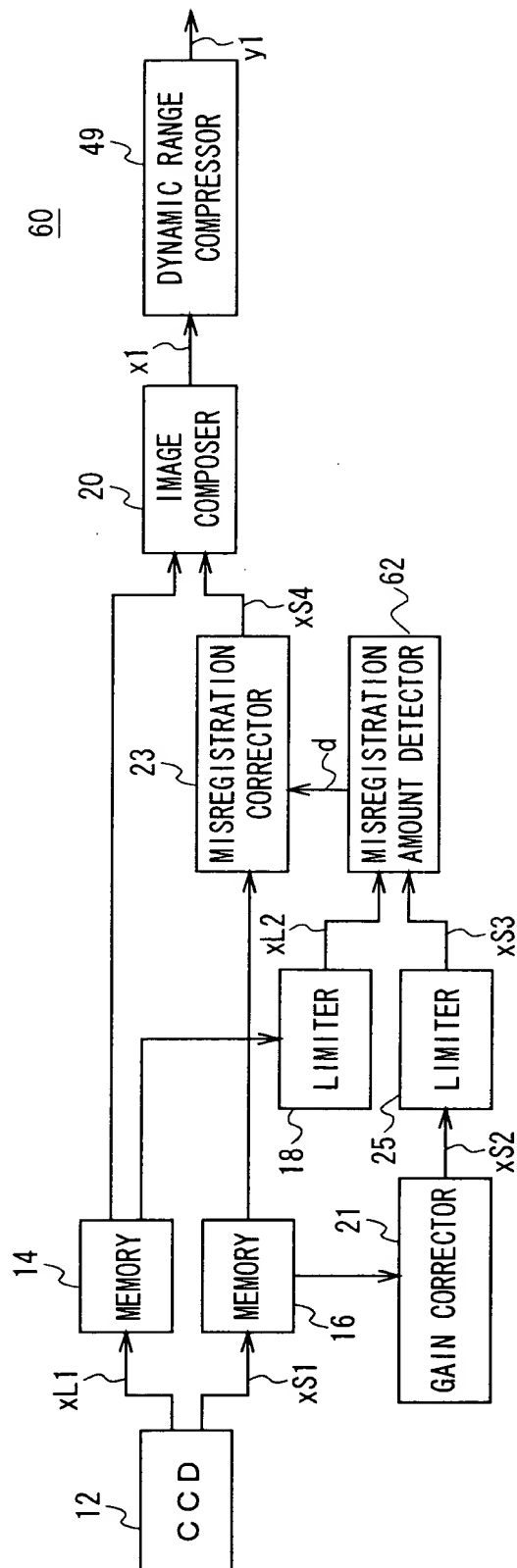


FIG. 15

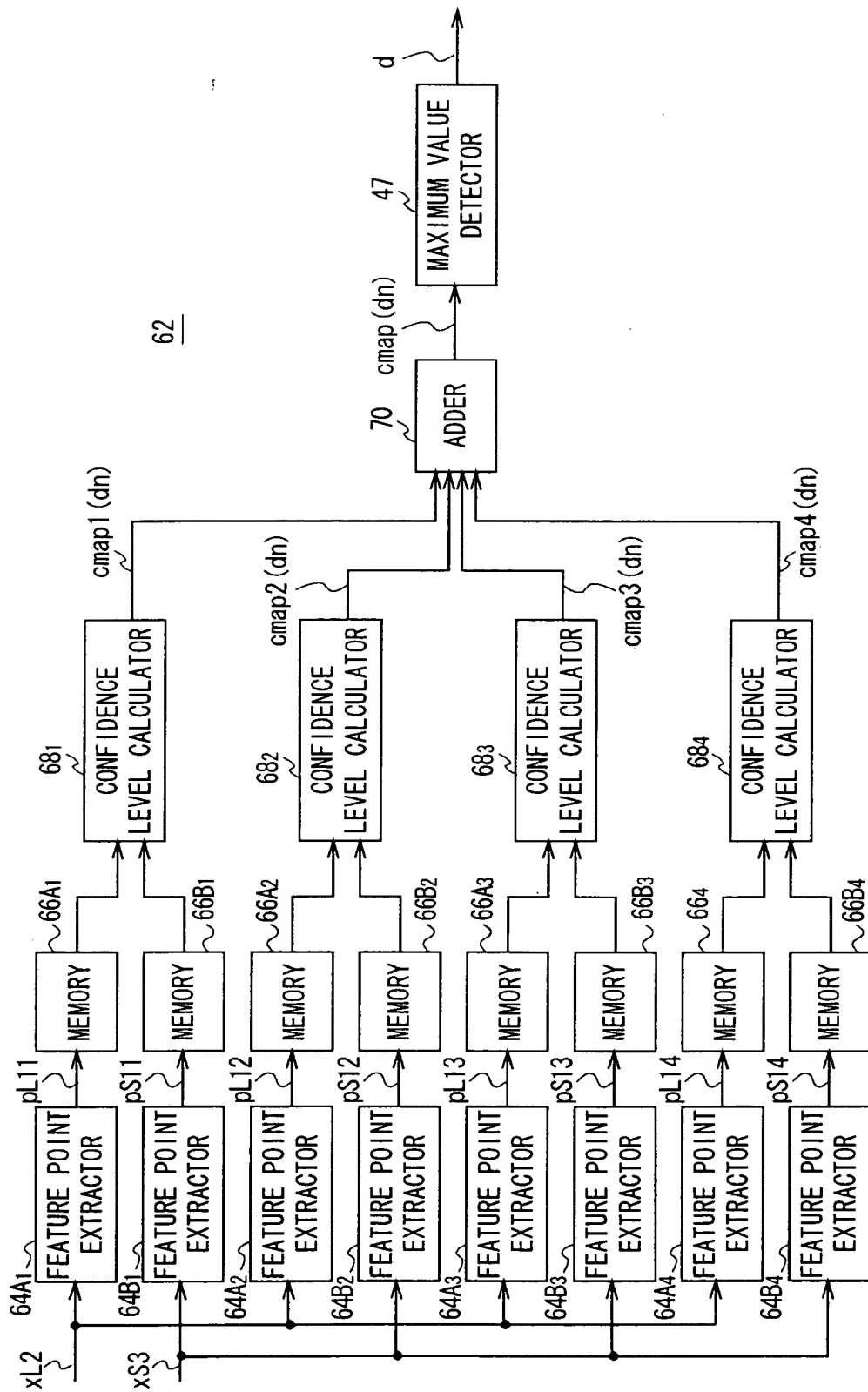


FIG. 16

	$x(i+1, j) \geq 0$ AND $x(i-1, j) < 0$	$x(i-1, j) \geq 0$ AND $x(i+1, j) < 0$
$x(i, j+1) \geq 0$ AND $x(i, j-1) < 0$	FEATURE POINT p1	FEATURE POINT p2
$x(i, j-1) \geq 0$ AND $x(i, j+1) < 0$	FEATURE POINT p3	FEATURE POINT p4

FIG. 17

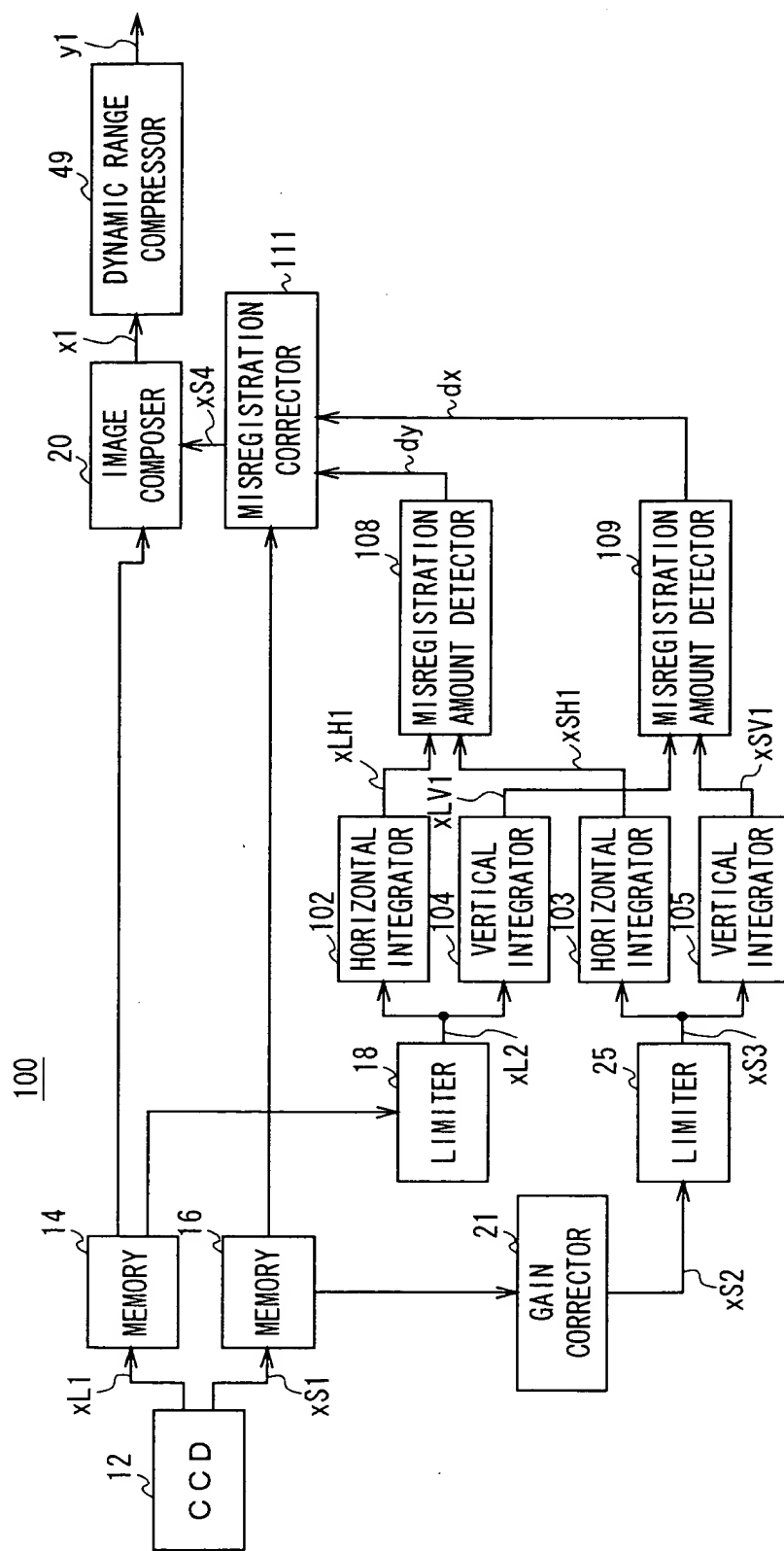


FIG. 18



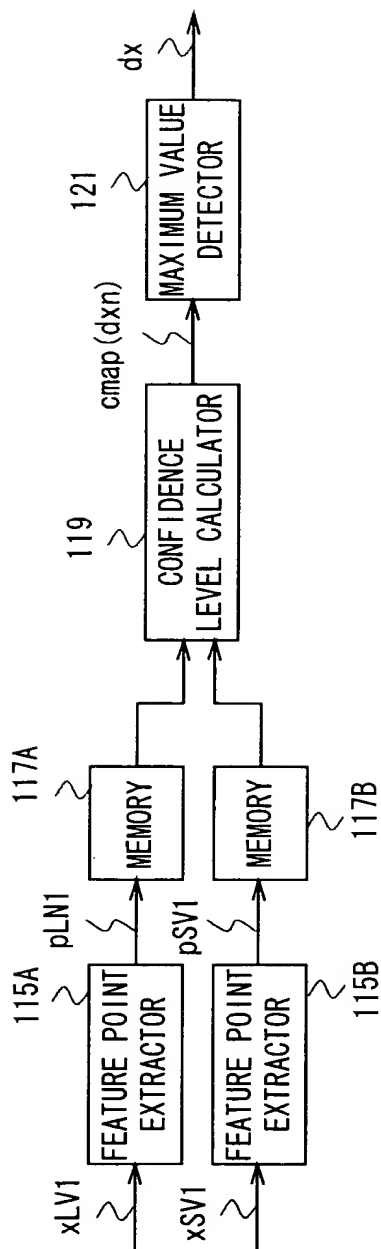
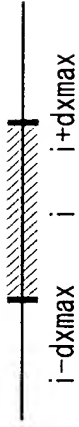


FIG. 19

REGION R



FEATURE POINT ARRAY pLV1



FEATURE POINT ARRAY pSV1

FIG. 20A

FIG. 20B

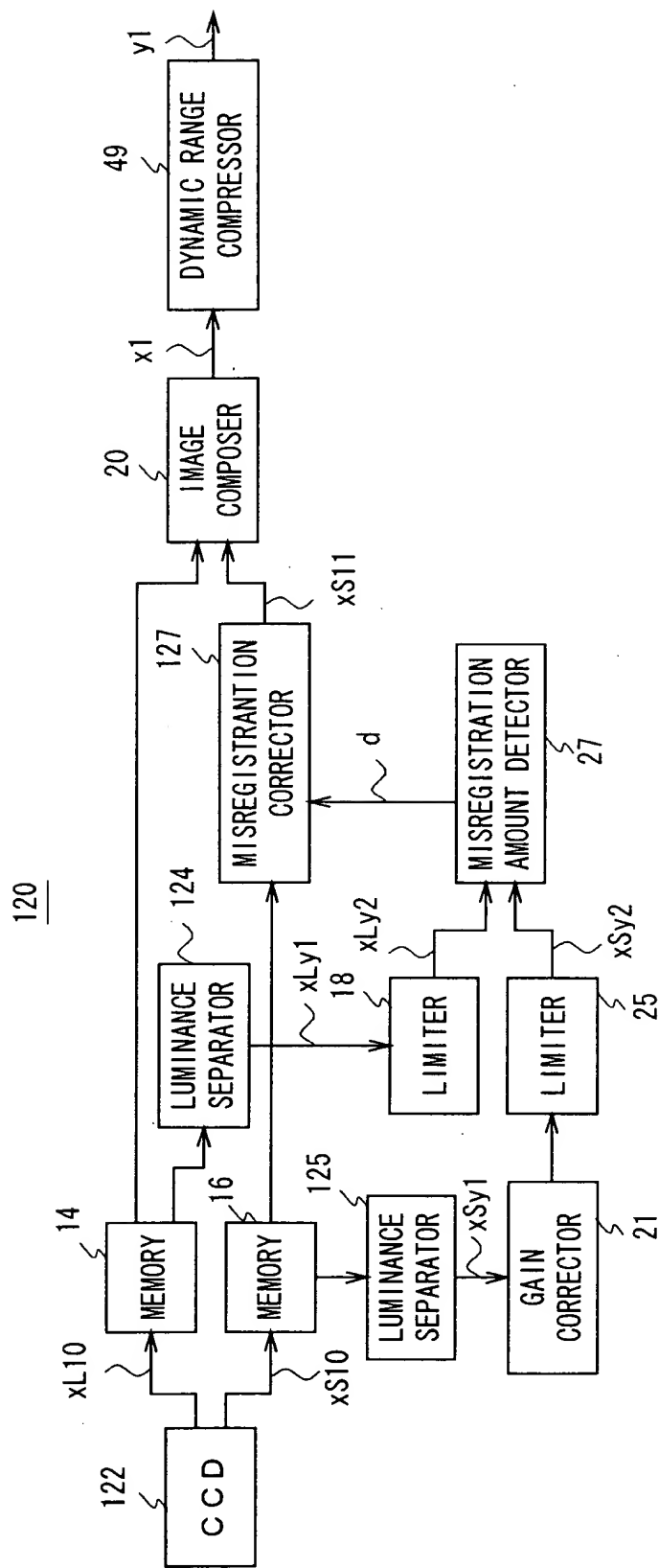


FIG. 21

Ye	Cy	Ye	Cy
Mg	G	Mg	G
Ye	Cy	Ye	Cy
G	Mg	G	Mg

G: Green  
Ye: Yellow  
Cy: Cyan  
Mg: Magenta

FIG. 22

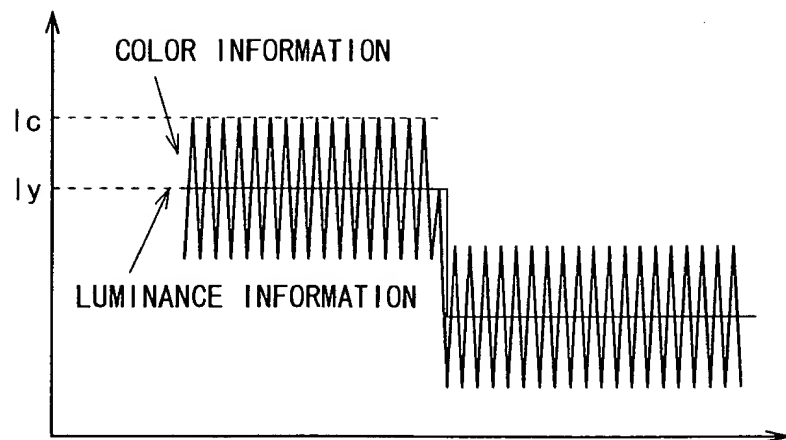


FIG. 23

$$i$$

Ye	Cy	Ye	Cy
Mg	G	Mg	G
Ye	Cy	Ye	Cy
G	Mg	G	Mg

LONG TIME EXPOSED IMAGE  $x_L$

FIG. 24A

$$i-dx$$

Ye	Cy	Ye	Cy
Mg	G	Mg	G
Ye	Cy	Ye	Cy
G	Mg	G	Mg

$j-dy$

SHORT TIME EXPOSED IMAGE  $x_S$

FIG. 24B

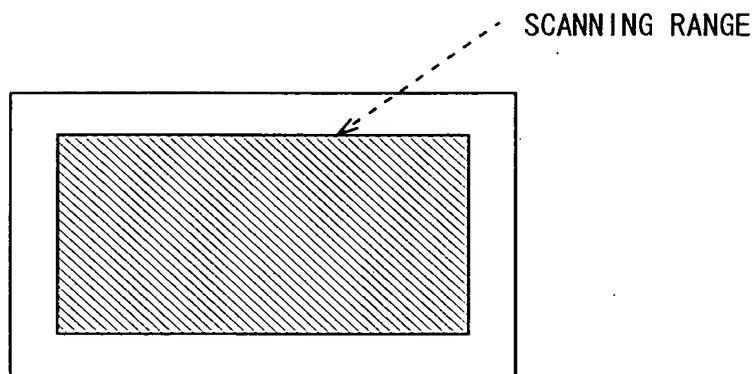


FIG. 25

200

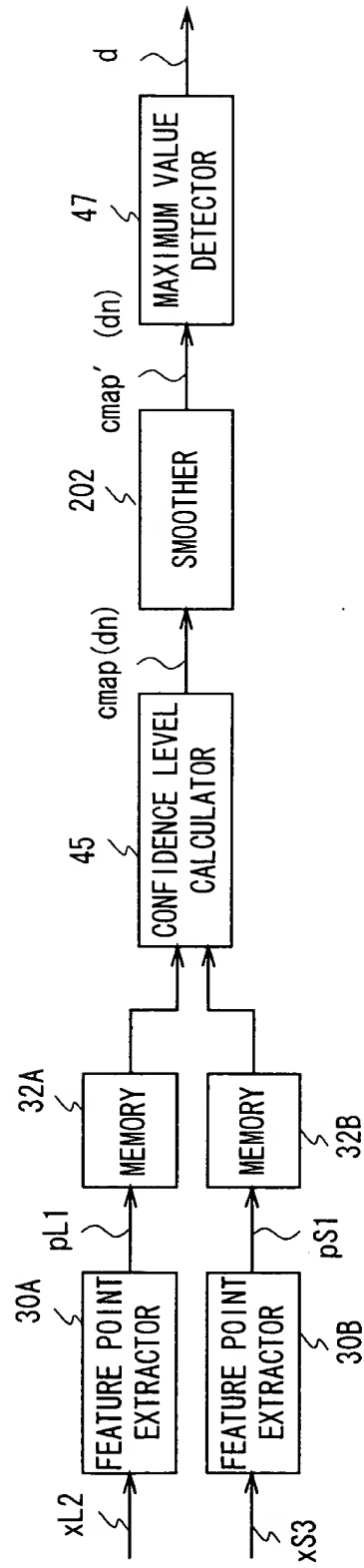


FIG. 26

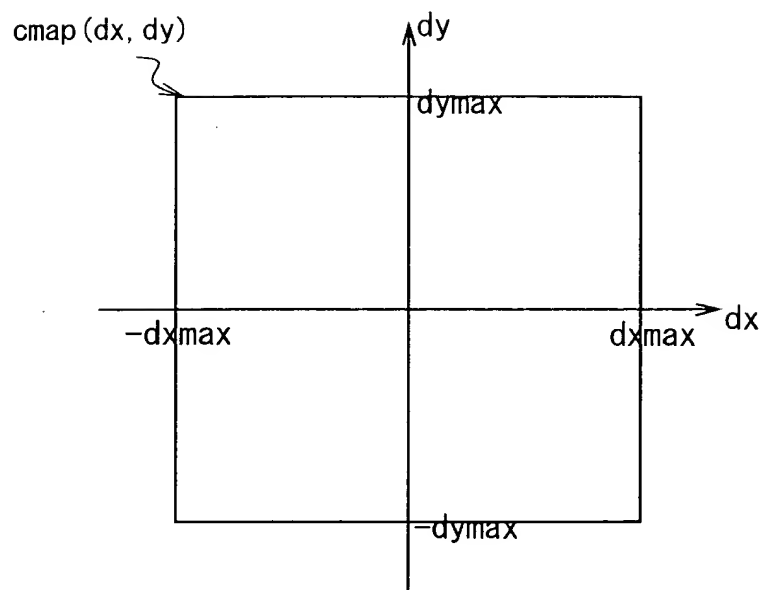


FIG. 27

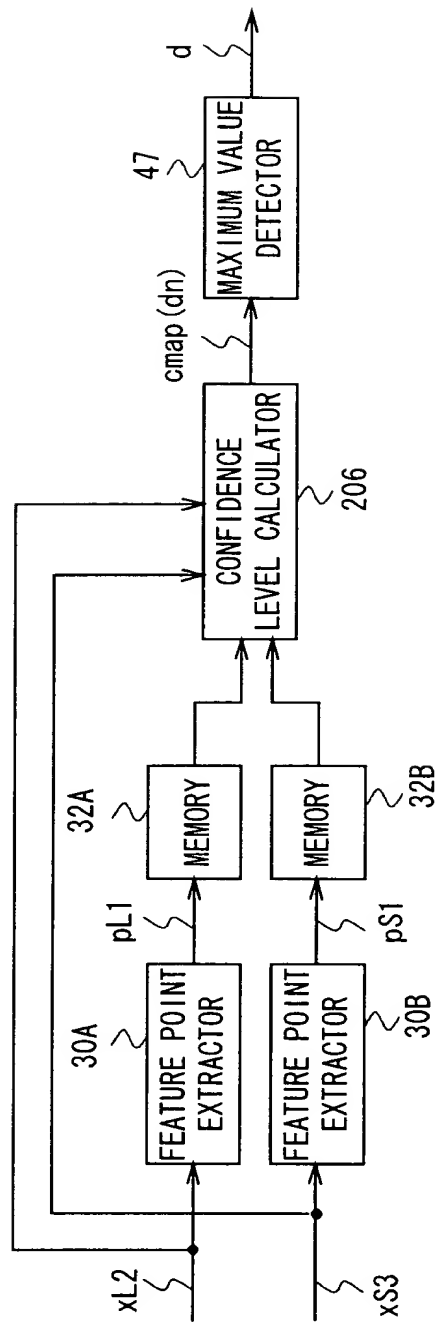


FIG. 28



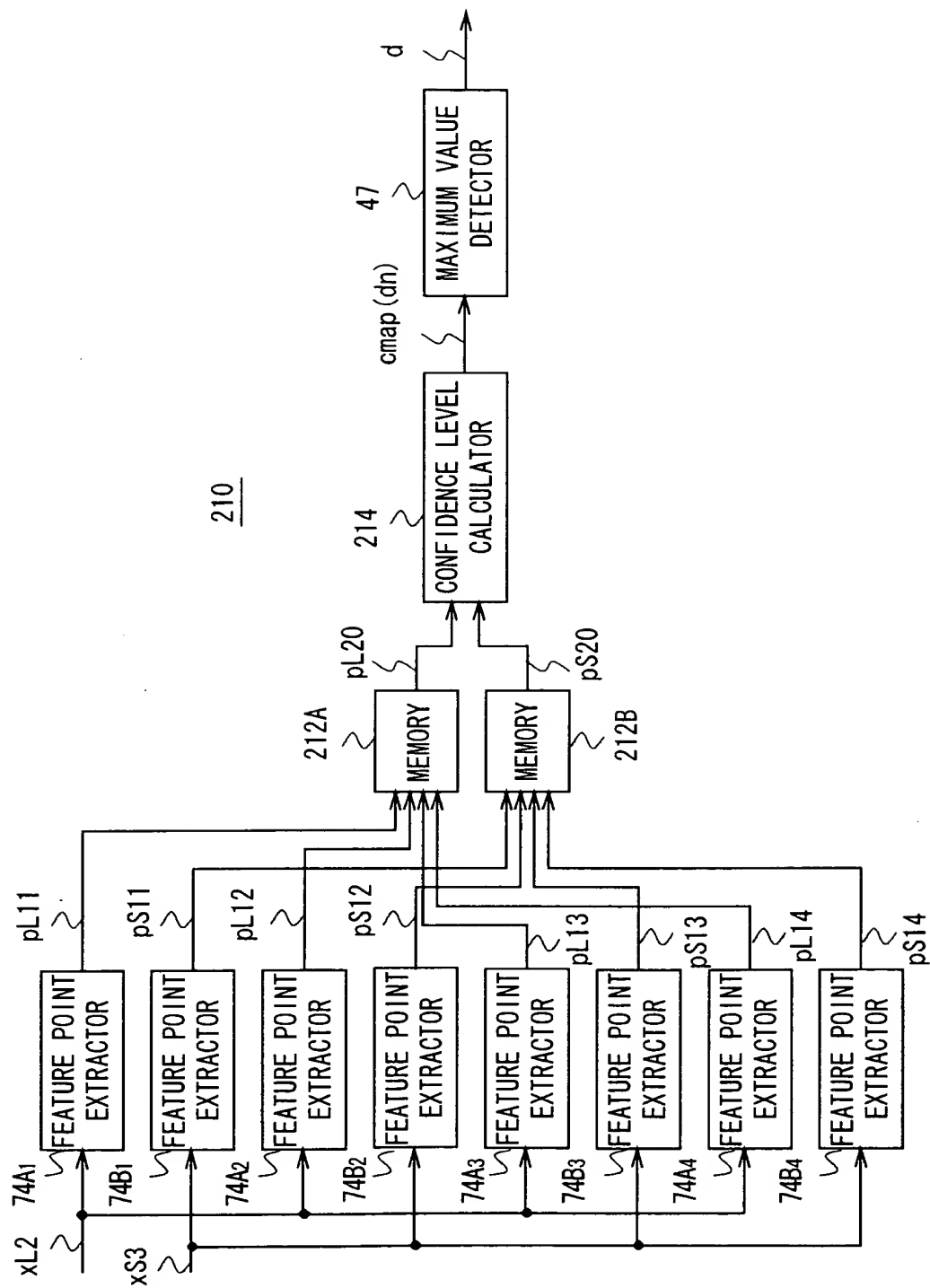


FIG. 29